

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-8. (Canceled)

9. (New) A method for producing a lithographic printing plate comprising:
treating a surface of a support to produce radicals at the surface;
reacting the treated surface with a monomer containing a hydrophilic functional group to form an image-receiving layer having hydrophilicity and containing a polymer compound which has a direct chemical bond to the surface of the support and has hydrophilic functional groups capable of forming chelates together with metal ions; and
ejecting an ink containing metal ions to the image-receiving layer with an inkjet recording method to form an image on the image-receiving layer.

10. (New) The method for producing a lithographic printing plate according to claim 9, wherein the hydrophilic functional group capable of forming chelates together with metal ions is selected from the group consisting of a carboxylic acid group, a sulfonic acid group, an amino group, a hydroxyl group, and an active methylene group and a salt thereof.

11. (New) The method for producing a lithographic printing plate according to claim 9, wherein the support surface is subjected to surface roughening.

12. (New) The method for producing a lithographic printing plate according to claim 9, wherein the image-receiving layer has a thickness of from 0.01 to 10 g/m².

13. (New) The method for producing a lithographic printing plate according to claim 9, wherein the image-receiving layer has a thickness of from 0.1 to 5 g/m².